

2011-09-06 Tuesday Morning Notes

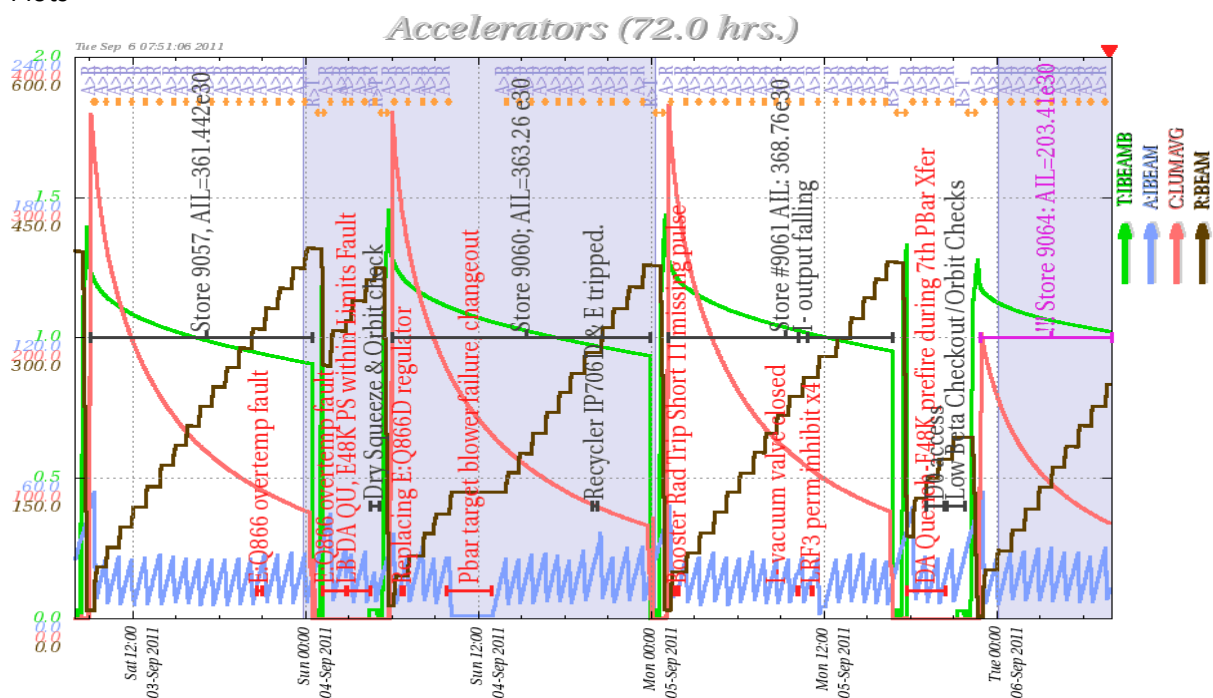
Tuesday, September 06, 2011

7:54 AM

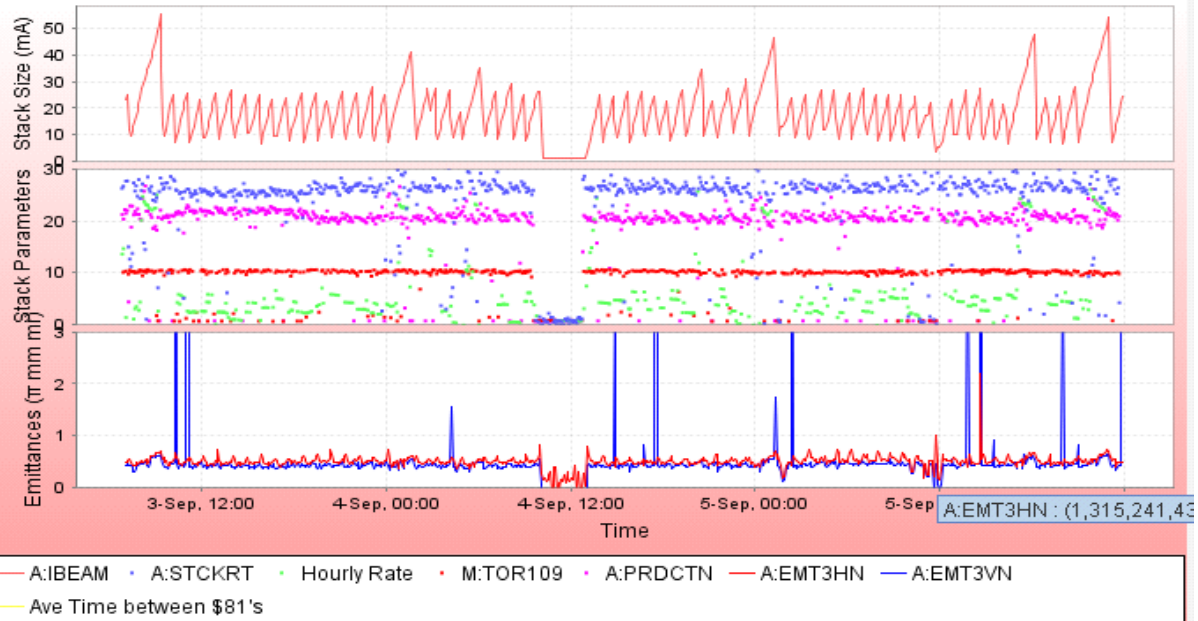
Operational Notes

- AP0 blower repairs on Sunday
- A:PRPI16 came into alarm. Plotting 10 weeks back shows that it was reading steady until early July 28 (the night of the power outage) and has been trending down since then .
- Data logger shows not only PRPI16 has been dropping, but PIDT16 has been increasing. Consulted with J Makara, The problem may be from contamination plunging the common tap. The dewar level is unaffected. PIEVUH stem valve is 10 psid.

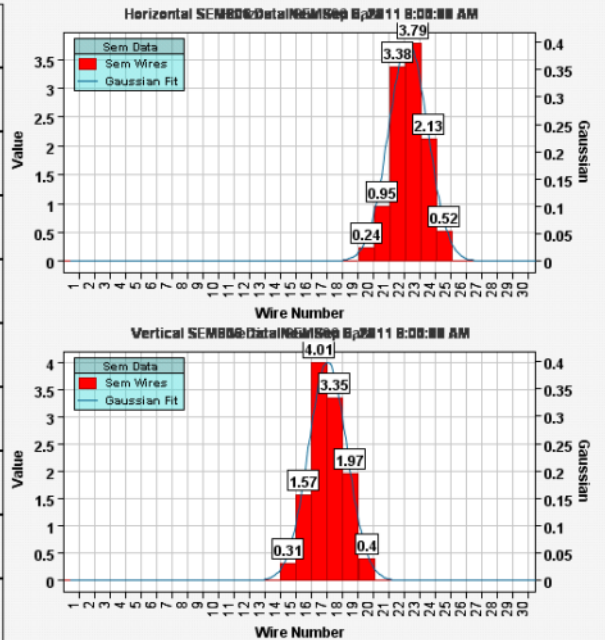
Plots



Sat Sep 03 07:00:00 CDT 2011 -- Tue Sep 06 07:00:00 CDT 2011



Horizontal Area New	11.0	Intensity
Horizontal Area Calc	194.96	Intensity
Horizontal Sigma New	3.24	mm
Horizontal Sigma Calc	3.05	mm
Horizontal Mean	23.23	mm
Vertical Area New	11.6	Intensity
Vertical Area Calc	200.67	Intensity
Vertical Sigma New	3.32	mm
Vertical Sigma Calc	3.12	mm
Vertical Mean	7.63	mm



A:IBMINJ 14.388 e07
A:LFTOVR 1.656 %
A:STMEDS 10.191 MeV
A:R1HLFB 27.644 kV

A:FRWDTH 26.212 Hz
A:CENFRQ 628896. Hz
A:R2DDS1 628897. Hz

A:EMT3HN 0.476 pimm
A:EMT3VN 0.428 pimm
A:XFRNXT 75.0 mA

MI EFF 0.9
M:TR105B 8.212 E12

G:TURN14 11.0 Turns
I:14SUM3 9.134 E12



A:STCKRT 25.346 mA/h

A:PRDCTN 19.194 E-6

A:BEAM 17.703 mA

D:724TOR 8.23 E09
G:RD2116 3.6 mRem

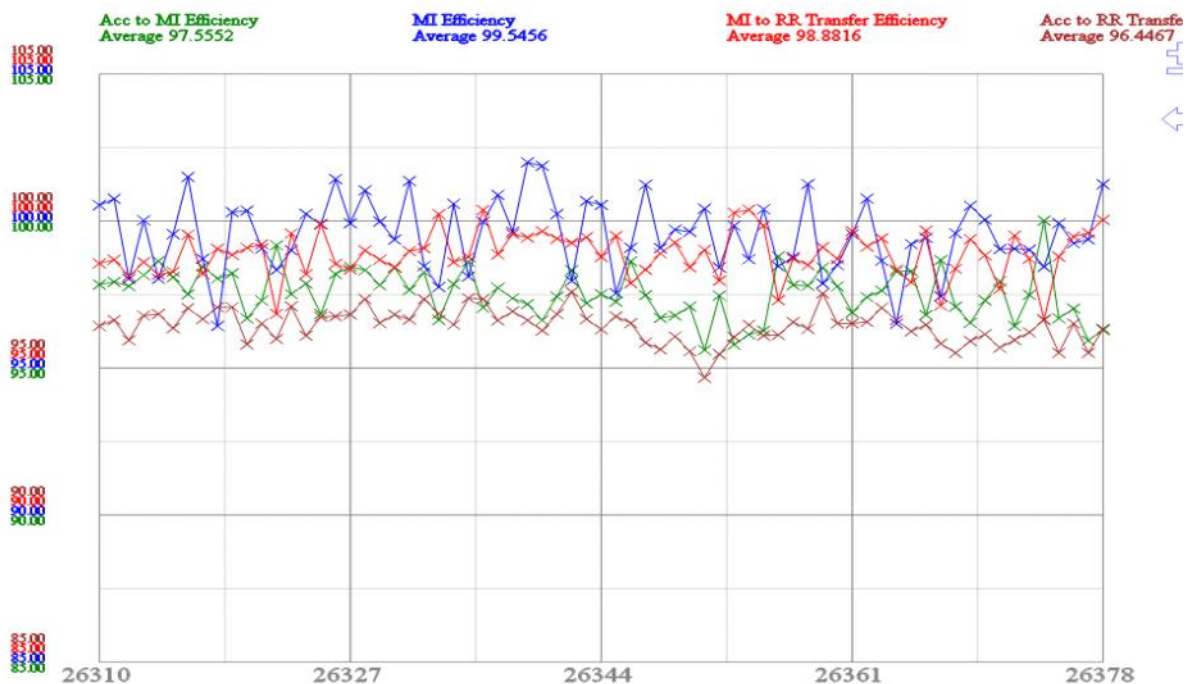
D:INJFLX 26.507 McG
D:FLXBTLL 1.544 uSec
D:R1HLFB 5.125 MV
D:BPMI10 21161.8 McG
Z:PRDCTD 28.159 E-6

Pbar Beamlines BPM House Status

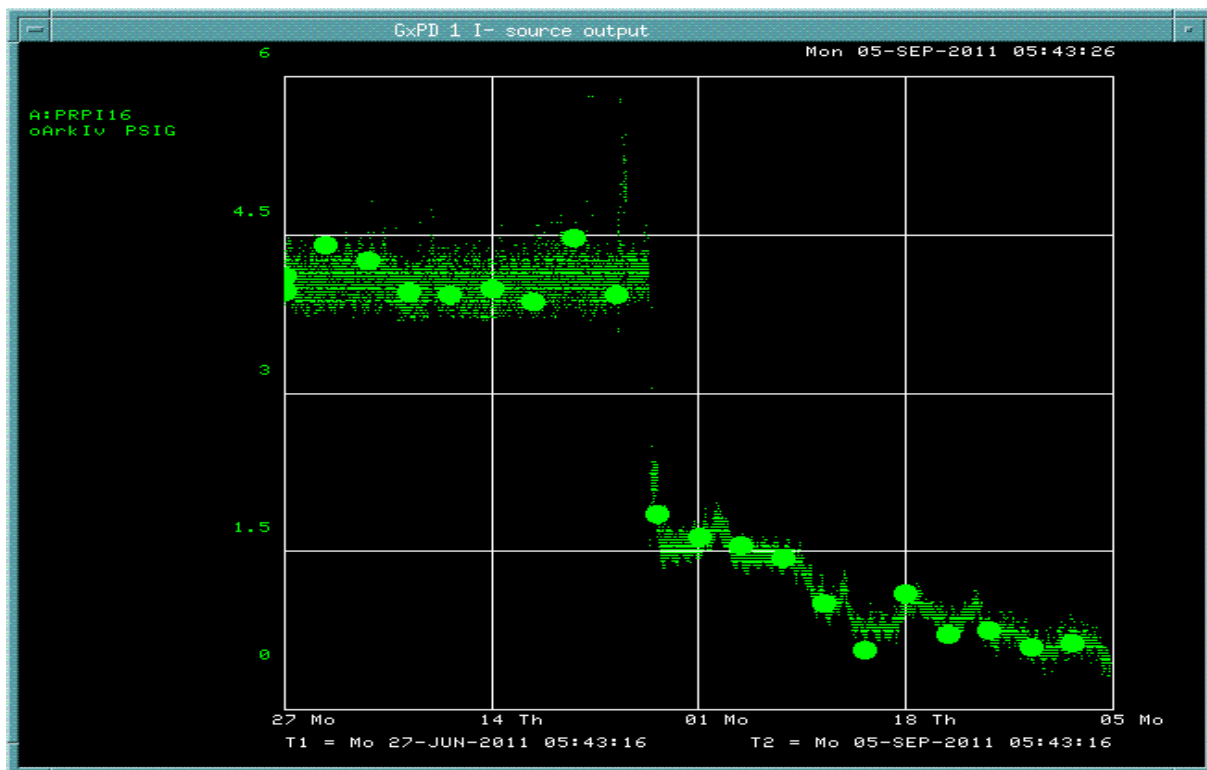
P1
P2
AP1
AP2 F27
AP2 AP50

0x80 Event Detected
A:STCKAV 2.2 Secs

Overthruster Status



Column 1 Number 0_Pbar Transfer Shot #	Column 4 Number_3_Transfer Time	Column 21 Number 20_A1 BEAMB sampled on \$91 (A-BEA M7), E10	Column 22 Number 21_A1 BEAMB sampled on \$94 (A-BEA M9), E10	Unstacked (mA)	Column 23 Number 22_R:B EAMS (R-BEA ME0(I)) pre after E10	Column 24 Number 23_R:B EAMS (R-BEA ME0(I)) post after, E10	Stashed	Acc to RR Eff	Acc to MI Eff	Acc to MI2 Eff	Acc to MI * Efficiency	Trans fers	Sets	Column 5 Number 4_Acc Horizontal Emittance	Column 6 Number 5_Acc Vertical Emittance	Column 8 Number 7_Acc Longitudinal Emittance	
Totals =>				1680.33			1620.72	96.45%	97.65%	97.27%	94.99%	211	69	4.8986	4.0581	2.0215	
Daily Average =>				560.11			540.24					70	23				
26378	Tuesday, September 06, 2011	7.33	30.55	8.24	24.92	226.68	250.41	24.03	96.44%	96.46%	96.97%	93.54%	3	1	5.137	4.296	2.033
26377	Tuesday, September 06, 2011	6.31	26.57	7.21	21.95	206.27	227.06	21.01	95.69%	96.56%	96.37%	93.06%	3	1	4.981	4.177	2.059
26376	Tuesday, September 06, 2011	5.39	28.33	6.94	23.59	183.88	206.50	22.75	96.42%	96.85%	96.35%	93.31%	3	1	5.029	4.046	2.033
26375	Tuesday, September 06, 2011	4.42	28.46	7.83	23.27	162.15	184.29	22.24	95.54%	96.76%	96.99%	93.85%	3	1	4.97	4.201	2.045
26374	Tuesday, September 06, 2011	3.46	28.08	7.69	23.00	140.26	162.31	22.23	96.64%	99.47%	98.26%	97.74%	3	1	4.805	4.218	2.054
26373	Tuesday, September 06, 2011	2.52	29.74	7.90	24.36	117.31	140.59	23.44	96.23%	97.96%	97.07%	95.09%	3	1	4.722	4.262	2.024
26372	Tuesday, September 06, 2011	1.54	29.09	7.80	23.90	94.41	117.30	22.97	96.12%	96.63%	96.28%	93.03%	3	1	5.152	4.241	2.033
26371	Tuesday, September 06, 2011	0.58	28.10	7.92	22.80	72.83	94.64	21.81	95.67%	97.82%	96.53%	94.43%	3	1	4.8	4.176	2.072
26370	Monday, September 05, 2011	23.59	25.59	6.08	21.83	52.01	72.89	21.00	96.19%	97.55%	97.47%	95.08%	3	1	4.574	3.842	2.035
26369	Monday, September 05, 2011	23.00	54.11	6.55	52.15	2.66	52.20	49.95	95.78%	97.11%	97.41%	94.60%	5	1	5.413	4.46	2.013
26368	Monday, September 05, 2011	20.54	29.48	7.18	24.71	170.62	194.21	23.66	95.78%	97.03%	97.12%	94.24%	3	1	4.892	4.199	2.031
26367	Monday, September 05, 2011	19.54	25.90	6.64	21.85	149.89	170.84	20.97	95.96%	98.95%	96.70%	95.69%	3	1	4.856	3.968	2.061
26366	Monday, September 05, 2011	19.03	26.69	7.03	22.34	128.82	150.12	21.53	96.34%	97.19%	96.72%	94.00%	3	1	4.981	4.39	2.041
26365	Monday, September 05, 2011	18.10	47.96	8.32	43.45	87.88	129.09	41.73	96.04%	98.14%	97.62%	95.80%	4	1	5.542	4.506	2.006
26364	Monday, September 05, 2011	16.18	24.57	6.38	20.67	362.17	381.83	19.99	96.72%	98.09%	95.37%	93.55%	3	1	4.778	3.995	2.055
26363	Monday, September 05, 2011	15.30	25.27	6.37	21.37	342.56	363.00	20.74	97.08%	97.67%	96.62%	94.37%	3	1	4.827	4.007	2.052
26362	Monday, September 05, 2011	14.41	28.11	7.04	23.49	320.81	343.17	22.64	96.41%	97.45%	98.30%	95.79%	3	1	4.864	4.029	2.04
26361	Monday, September 05, 2011	13.47	27.52	7.44	22.55	299.86	321.25	21.73	96.38%	97.49%	96.89%	94.45%	3	1	4.952	4.12	2.056
26360	Monday, September 05, 2011	12.51	25.40	6.60	21.25	280.05	300.35	20.49	96.42%	97.69%	95.95%	93.74%	3	1	4.914	4.02	2.099
26359	Monday, September 05, 2011	11.35	25.45	2.28	23.62	257.64	280.51	23.01	97.43%	98.67%	97.30%	96.01%	3	1	3.33	2.062	2.099
26358	Monday, September 05, 2011	10.29	26.10	7.23	21.47	237.59	258.00	20.69	96.35%	97.95%	98.00%	95.99%	3	1	5.29	4.215	2.052
26357	Monday, September 05, 2011	9.31	25.40	6.91	21.10	217.65	237.92	20.41	96.72%	97.67%	97.10%	94.84%	3	1	5.254	4.306	2.061
26356	Monday, September 05, 2011	8.41	25.16	6.84	21.00	197.80	217.87	20.21	96.25%	98.54%	97.09%	95.67%	3	1	5.239	4.1	2.042
26355	Monday, September 05, 2011	7.52	25.65	6.81	21.42	177.50	198.02	20.63	96.32%	96.72%	96.82%	93.65%	3	1	5.183	4.297	2.012
26354	Monday, September 05, 2011	7.04	28.92	8.07	23.43	155.49	177.79	22.55	96.22%	96.68%	95.05%	91.89%	3	1	5.295	4.447	2.026
26353	Monday, September 05, 2011	6.06	25.52	6.95	21.23	135.46	155.65	20.43	96.22%	96.08%	95.97%	92.20%	3	1	5.281	4.314	2.051
26352	Monday, September 05, 2011	5.12	26.24	5.40	22.92	113.88	135.68	21.90	95.58%	97.54%	96.39%	94.01%	3	1	5.045	4.012	1.983
26351	Monday, September 05, 2011	4.19	28.37	7.46	23.49	91.67	113.94	22.30	94.95%	95.98%	96.62%	92.73%	3	1	5.439	4.517	2.033
26350	Monday, September 05, 2011	3.19	26.35	5.97	22.42	70.35	91.71	21.49	95.84%	97.02%	96.82%	93.93%	3	1	4.529	3.854	2.017
26349	Monday, September 05, 2011	2.25	25.77	6.79	21.52	49.98	70.48	20.69	96.13%	96.85%	96.58%	93.54%	3	1	4.745	4.025	2.033
26348	Monday, September 05, 2011	1.20	48.26	8.84	43.19	9.14	50.16	41.32	95.67%	96.93%	96.32%	93.36%	4	1	5.198	4.488	1.974
26347	Sunday, September 04, 2011	23.25	31.06	8.06	25.49	354.09	378.21	24.47	96.00%	97.50%	98.62%	96.15%	3	1	4.685	4.037	2.001
26346	Sunday, September 04, 2011	22.21	30.22	7.83	24.96	331.19	354.99	24.06	96.38%	98.22%	97.55%	95.81%	3	1	4.995	4.051	2.045
26345	Sunday, September 04, 2011	21.18	26.13	6.78	21.94	311.06	331.89	21.50	96.61%	96.91%	95.25%	92.31%	3	1	4.688	3.933	2
26344	Sunday, September 04, 2011	20.31	35.15	9.10	28.62	284.37	311.60	27.27	96.32%	97.41%	97.47%	94.94%	3	1	5.044	4.232	2
26343	Sunday, September 04, 2011	19.19	28.84	7.62	23.83	262.04	284.94	23.08	96.82%	97.38%	97.66%	95.10%	3	1	4.746	4.104	2.028
26342	Sunday, September 04, 2011	18.20	25.21	6.47	21.30	241.88	262.41	20.77	97.52%	98.12%	96.58%	94.76%	3	1	4.897	3.833	2.001
26341	Sunday, September 04, 2011	17.32	27.41	7.16	22.89	220.17	242.22	22.18	96.89%	97.40%	97.55%	95.01%	3	1	4.788	3.956	1.998
26340	Sunday, September 04, 2011	16.39	28.19	7.59	23.21	198.17	220.51	22.39	96.45%	97.07%	99.15%	96.24%	3	1	4.779	4.163	1.997
26339	Sunday, September 04, 2011	15.42	27.32	6.91	22.99	176.37	198.44	22.21	96.59%	97.14%	98.70%	95.87%	3	1	4.698	3.894	2.005
26338	Sunday, September 04, 2011	14.47	25.33	6.59	21.39	155.99	176.57	20.74	96.95%	97.83%	97.50%	95.39%	3	1	4.84	3.864	2.006
26337	Sunday, September 04, 2011	13.56	25.76	6.45	21.93	135.01	156.14	21.25	96.90%	97.81%	98.14%	95.98%	3	1	4.639	3.969	2.02
26336	Sunday, September 04, 2011	10.00	26.14	1.43	24.69	111.75	135.52	23.97	97.09%	97.70%	98.17%	95.91%	3	1	4.443	2.469	1.909
26335	Sunday, September 04, 2011	8.56	25.46	6.55	21.51	91.20	111.96	20.94	97.36%	98.73%	97.08%	95.84%	3	1	4.691	3.974	2.019
26334	Sunday, September 04, 2011	8.07	30.64	7.94	25.19	67.06	91.28	24.36	96.69%	97.74%	97.99%	95.77%	3	1	4.897	4.147	2.007
26333	Sunday, September 04, 2011	7.06	26.79	7.41	21.99	46.00	67.25	21.31	96.94%	96.94%	95.56%	92.64%	3	1	4.906	4.012	2.029
26332	Sunday, September 04, 2011	6.08	36.54	6.56	33.76	13.61	46.16	32.78	97.10%	98.51%	97.48%	96.03%	4	1	5.014	4.037	2.028
26331	Sunday, September 04, 2011	4.48	20.10	7.18	14.17	361.71	375.21	13.70	96.71%	97.82%	98.88%	96.73%	2	1	4.484	3.636	2.027
26330	Sunday, September 04, 2011	4.08	28.56	7.13	24.00	339.47	362.44	23.25	96.87%	99.02%	98.42%	97.45%	3	1	4.655	4.027	2.023
26329	Sunday, September 04, 2011	3.10	27.63	7.09	23.01	318.60	340.49	22.19	96.44%	97.68%	97.01%	94.76%	3	1	4.716	3.904	2.037
26328	Sunday, September 04, 2011	2.47	29.94	17.81	12.13	307.28	319.09	11.81	97.35%	98.33%	99.36%	97.69%	1	1	5.059	4.495	1.966
26327	Sunday, September 04, 2011	1.44	45.00	7.85	40.62	269.97	308.48	39.32	96.81%	98.50%	98.38%	96.90%	4	1	5.044	4.277	1.994
26326	Saturday, September 03, 2011	23.58	27.85	7.10	23.34	374.40	396.65	22.60	96.82%	98.26%	99.69%	97.96%	3	1	4.982	4.129	2.02
26325	Saturday, September 03, 2011	23.01	28.25	7.03	23.69	352.78	375.35	22.91	96.71%	96.85%	96.47%	93.43%	3	1	4.94	3.957	2.013
26324	Saturday, September 03, 2011	22.05	27.46	6.90	23.10	331.43	353.55	22.25	96.35%	98.05%	98.19%	96.27%	3	1	5.071	4.186	1.996
26323	Saturday, September 03, 2011	21.10	28.07	7.05	23.57	309.53	332.15	22.87	97.03%	97.58%	96.88%	94.54%	3	1	5.155	4.163	1.996
26322	Saturday, September 03, 2011	20.13	25.79	6.38	21.92	289.07	310.00	21.13	96.39%	98.70%	97.43%	96.16%	3	1	5.044	4.105	2.013
26321	Saturday, September 03, 2011	19.20	25.68	6.31	21.85	268.55	289.50	21.08	96.47%	97.48%	96.60%	94.17%	3	1	4.989	4.042	1.996
26320	Saturday, September 03, 2011	18.25	25.70	5.90	22.33	247.57	268.89	21.47	96.16%	96.92%	97.10%	94.11%	3	1	4.782	3.799	2.007
26319	Saturday, September 03, 2011	17.29	25.40	5.92	21.99	226.73	247.91	21.35	97.08%	98.39%	98.12%	96.54%	3	1	4.884	4.078	2.012
26318	Saturday, September 03, 2011	16.35	25.42	6.05	21.93	205.98	227.07	21.23	96.81%	98.37%	95.42%	93.86%	3	1	4.321	3.86	1.982
26317	Saturday, September 03, 2011	15.42	25.71	6.37	21.96	185.20	206.26	21.27	96.90%	98.30%	97.23%	95.57%	3	1	5.125	4.084	1.999
26316	Saturday, September 03, 2011	14.49	26.49	6.70	22.40	164.02	185.55	21.72	96.96%	97.96%	98.61%	96.59%	3	1	4.821	4.218	2.054
26315	Saturday, September 03, 2011	13.52	27.63	6.23	23.94	141.07	164.20	23.20	96.89%	97.59%	97.0						



Possible contamination in pbar frig